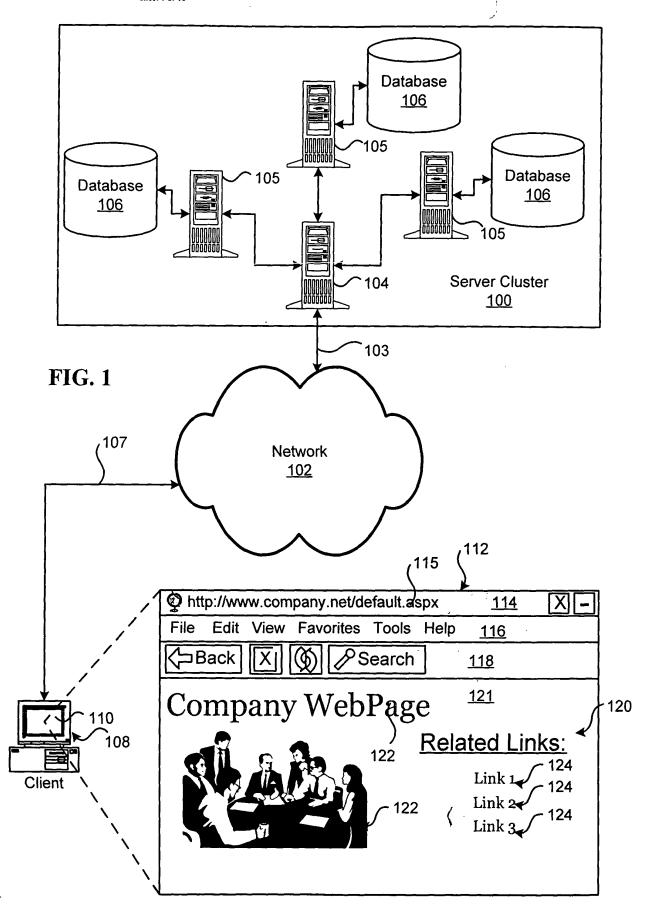
myomor, matthew Ruhlen

Docket No.: 60001.0258US01
Title: ABSTRACTING LINKS TO ELECTRONIC RESOURCES IN A NETWORK

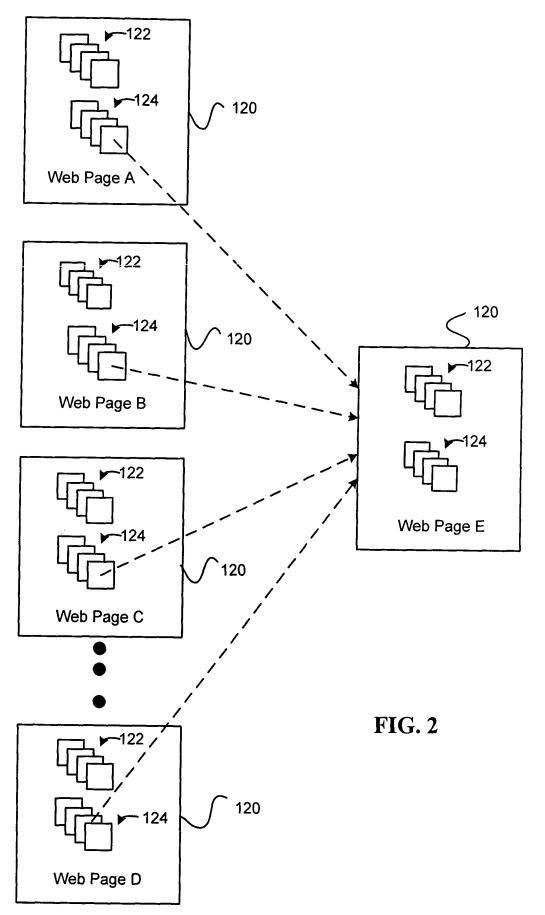
ENVIRONMENT

Attorney Name: David D. Wier Phone No.: (303) 357-1647 Sheet 1 of 10



Inventor: Matthew Ruhlen
Docket No.: 60001,0258US01
Title: ABSTRACTING LINKS TO ELECTRONIC RESOURCES IN A NETWORK
ENVIRONMENT

Attorney Name: David D. Wier Phone No.: (303) 357-1647 Sheet 2 of 10



Inventor: Matthew Ruhlen
Docket No.: 60001.0258US01
Title: ABSTRACTING LINKS TO ELECTRONIC RESOURCES IN A NETWORK
ENVIRONMENT

Attorney Name: David D. Wier Phone No.: (303) 357-1647 Sheet 3 of 10

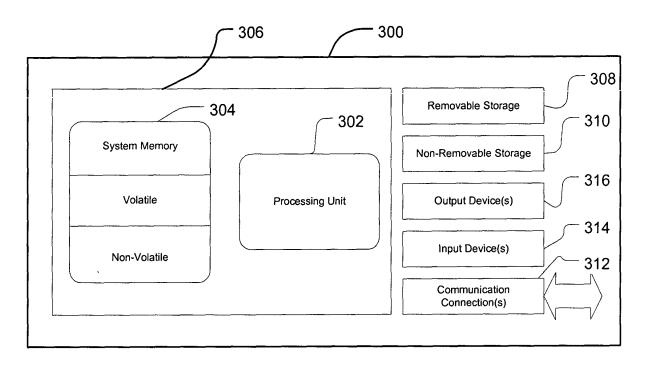


FIG. 3

Docket No.: 60001.0258US01

Title: ABSTRACTING LINKS TO ELECTRONIC RESOURCES IN A NETWORK

ENVIRONMENT

Attorney Name: David D. Wier Phone No.: (303) 357-1647

Sheet 4 of 10

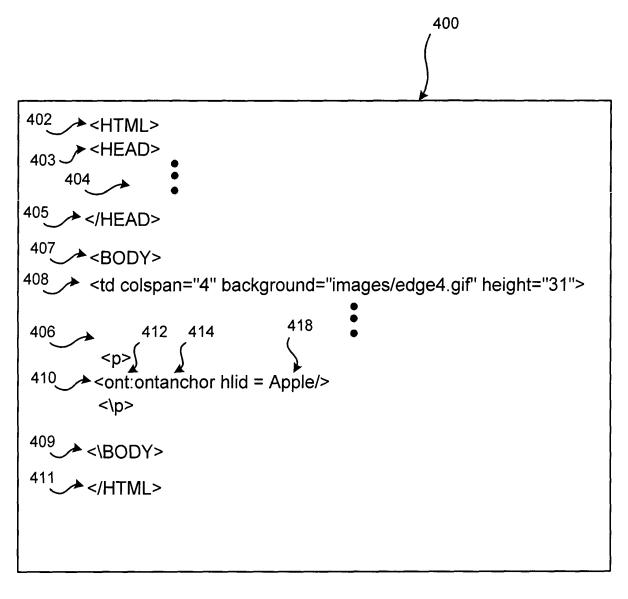


FIG. 4

Docket No.: 60001.0258US01
Title: ABSTRACTING LINKS TO ELECTRONIC RESOURCES IN A NETWORK ENVIRONMENT
Attorney Name: David D. Wier
Phone No.: (303) 357-1647
Sheet 5 of 10



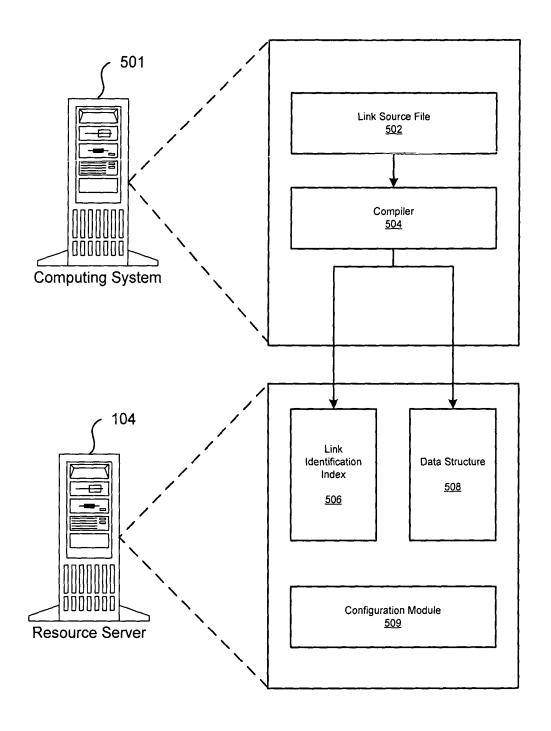


FIG. 5

Docket No.: 60001,0258US01 Title: ABSTRACTING LINKS TO ELECTRONIC RESOURCES IN A NETWORK **ENVIRONMENT**

Attorney Name: David D. Wier

Phone No.: (303) 357-1647 Sheet 6 of 10

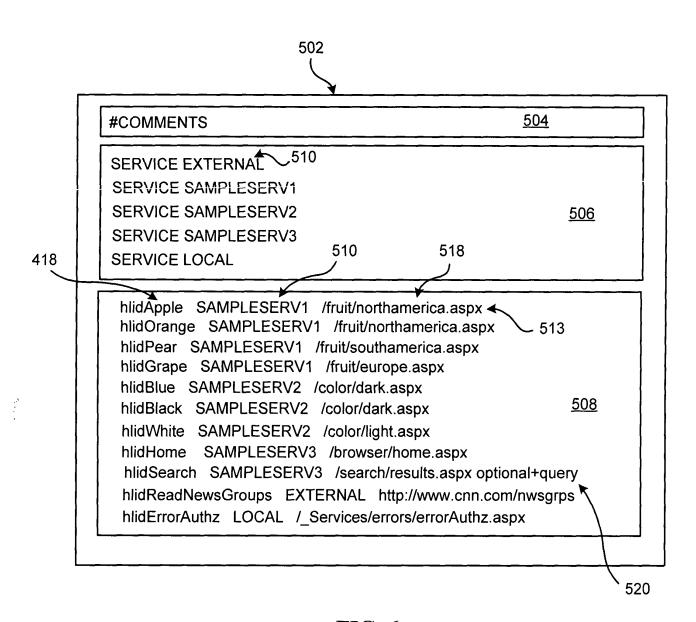


FIG. 6

Docket No.: 60001.0258US01

Title: ABSTRACTING LINKS TO ELECTRONIC RESOURCES IN A NETWORK

ENVIRONMENT

Attorney Name: David D. Wier Phone No.: (303) 357-1647

Sheet 7 of 10

```
CLASS hlid 522

Apple = 0, 524

418 Orange = 1;
Pear = 2;
Grape = 3;
Blue = 4;
Black = 5;
White = 6;
Home = 7;
Search = 8;
ReadNewGroups = 9;
ErrorAuthz = 10;
```

FIG. 7

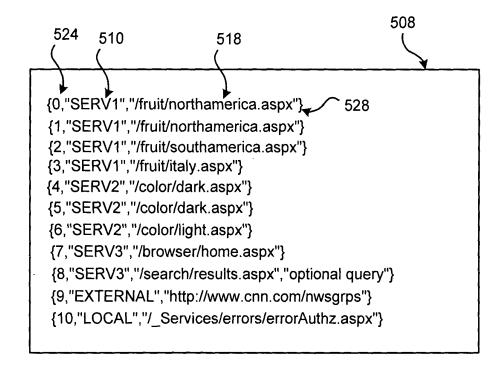


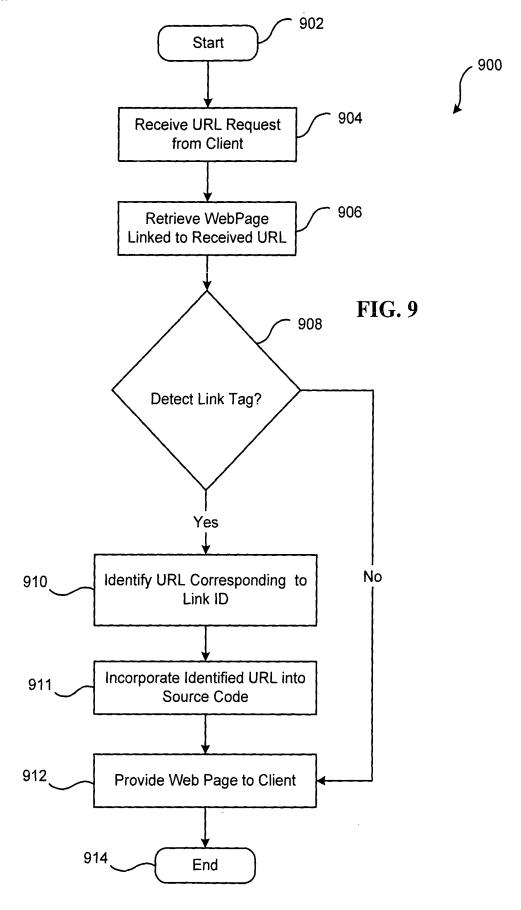
FIG. 8

Title: ABSTRACTING LINKS TO ELECTRONIC RESOURCES IN A NETWORK

ENVIRONMENT

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Sheet 8 of 10



Title: ABSTRACTING LINKS TO ELECTRONIC RESOURCES IN A NETWORK ENVIRONMENT Attorney Name: David D. Wier Phone No.: (303) 357-1647 Sheet 9 of 10 1002 Start Retrieve Index Pointer to Link Identifier 1004 from Link Identification Index 1000 Extract Service Class from Data Structure 1006 1010 1008 Is Service External Retrieve Path from Data to Server Cluster? Yes Structure and Set as URL No Determine Domain of Machine on Which 1012 Service is Implemented Add Path from Data Structure to end of 1014 Domain Name to create URL 1016 Input URL into Source Code of the Web Page End 1018 **FIG. 10**

Docket No.: 60001.0258US01

Docket No.: 60001.0258US01
Title: ABSTRACTING LINKS TO ELECTRONIC RESOURCES IN A NETWORK

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